

Introduction



Taylor Municipal Airport Airport Master Plan

Introduction



The Town of Taylor, Arizona, as the Airport Sponsor, is continuing its effort to plan for future development of the Taylor Municipal Airport. This development is designed to enhance air and ground operations, improve safety, provide better airport services, and stimulate the local economy through business growth potential.

PURPOSE

An airport master plan document describes and depicts the overall concept for the long-term development of an airport. It presents the concepts graphically in the airport layout plan (ALP) drawing set and reports the data and logic on which the concept is



FIGURE 1. TAYLOR AIRPORT SIGN

based in the airport master plan (AMP) report. The goal of the master plan report is to provide direction for future airport development that will satisfy aviation demand in a financially feasible manner and meet the needs of the community with respect to the airport.

OBJECTIVES

The primary objectives of the airport master plan are to produce an attainable phased development plan concept that will satisfy the airport needs in a safe, efficient, economical, and environmentally sound manner. The plan serves as a guide to decision makers, airport users, and the general public for implementing airport development actions while considering both airport and community concerns and objectives.

The primary objective of the Town of Taylor is to plan for the accommodation of the existing and future based and transient aircraft demand. Additional issues the Town has indicated it would like addressed in the master plan process include necessary land acquisition, development of adjacent compatible land uses and coordination with the planned business/industrial park adjacent to the airport.

Specific objectives of the Taylor Airport Master Plan include, but are not limited to:

- Clearly identify the present and future roles of the Taylor Municipal Airport;
- Depict design standards for the determined Airport Reference Code (ARC);
- Provide the basis for future federal, state, local government and private investment in the airport;
- Develop realistic, phased development and maintenance plans for the airport
- Provide an Airport Layout Plan (ALP) in accordance with the current FAA regional ALP checklist;
- Identify future land acquisition requirements;
- Prepare recommended Compatible Land Use and Height Restriction overlay zones;
- Prepare an Environmental Overview for proposed development indicating the nature of alternatives that must be reviewed;

- Develop an achievable financial plan for the airport to support the implementation schedule and operation and maintenance costs; and
- Present for public consideration, a plan which addresses the issues and satisfies local, state and federal regulations.

MASTER PLAN PROCESS

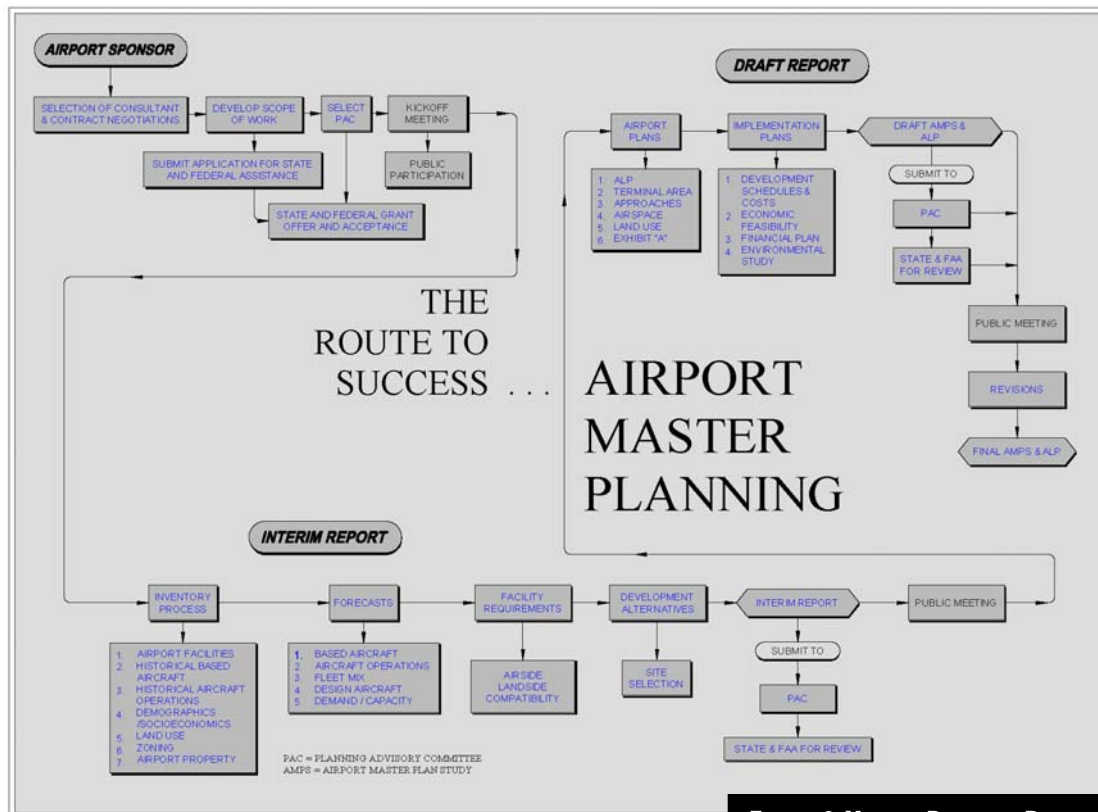


FIGURE 2. MASTER PLANNING PROCESS

Airport planning takes place at a national, state, regional, and local level. These plans are formulated on the basis of overall transportation demands and are coordinated with other transportation planning and comprehensive land use planning. The National Plan of Integrated Airport Systems (NPIAS) is a ten-year plan continually updated and published biannually by the Federal Aviation Administration (FAA). This publication lists developments at public use airports that are considered to be of national interest and thus eligible for financial assistance for airport planning and development under the Airport and Airway Improvement Act of 1982. Statewide Integrated Airport Systems Planning identifies the general location and characteristics of new airports and the general expansion needs of existing airports to meet statewide air transportation goals. This planning is performed by state transportation or aviation planning agencies. Regional Integrated Airport Systems Planning identifies airport needs for a large regional or metropolitan area. Needs are stated in general terms and incorporated into statewide system plans. Airport Master Plans are prepared by the operators of individual airports and are usually completed with the assistance of consultants. The Town of Taylor is completing this master plan with the assistance of Armstrong Consultants, Inc. The airport master planning process involves collecting data, forecasting demand, determining facility requirements, studying various alternatives and developing plans and schedules. The flow chart in Figure 2 depicts the steps in the master planning process. This process will take into consideration the needs and concerns of the airport sponsor, airport tenants and users, as well as the general public.

PLANNING ADVISORY COMMITTEE

The Taylor Planning Advisory Committee (PAC) consists of members representing varied interests in the airport and the community. Their involvement throughout the master planning process will help to keep interested parties informed and will foster consensus for future development actions.

PAC REPRESENTATIVES

- *Town of Taylor – Stephen Sturgell*
- *Taylor Town Council – Boyd Hatch*
- *Taylor Municipal Airport – Richard Prior*
- *Airport Users/Local Pilot – Ron Vance*
- *Airport Users/Local Pilot – Dave Smith*
- *Private Investor – Rod Mitchell*
- *Luke Air Force Base – Terry Hansen*
- *Arizona Aeronautics Division – Ray Boucher*
- *Federal Aviation Administration – Margie Drilling*